

Title (en)

Cyclone dust collecting apparatus having flexible contaminants counterflow prevention member

Title (de)

Zyklonstaubsammelvorrichtung mit einem flexiblen Luftrückströmungsdeflektor

Title (fr)

Collecteur de poussière avec séparateur cyclonique comportant un déflecteur anti-retour flexible

Publication

**EP 1688184 B1 20080806 (EN)**

Application

**EP 05291211 A 20050606**

Priority

KR 20050008714 A 20050131

Abstract (en)

[origin: EP1688184A1] A cyclone dust collecting apparatus comprises a deformable contaminants counterflow prevention member mounted to within 10 to 12 mm of the inner surface of the cyclone dust collecting apparatus. The deformable contaminants counterflow prevention member is soft enough to be elastically transformed to allow large contaminants to be drawn past it and drop into a dust collecting apparatus yet resilient enough so that it returns to its original shape after a large contaminant is passed.

IPC 8 full level

**B04C 5/13** (2006.01); **A47L 9/16** (2006.01); **B04C 5/103** (2006.01)

CPC (source: EP KR US)

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